

# A.R.M. Loxahatchee

## National Wildlife Refuge



photo: USFWS



photo: M. D. Maiffei



photo: USFWS



photo: R. Hirschboeck

**Mark Musaus, Project Leader**  
**ARM Loxahatchee NWR**  
**10216 Lee Road**  
**Boynton Beach, FL 33437-4796**  
**Phone: 561/732 3684**  
**Fax: 561/369 7190**  
**E-mail: FW4RWLoxahatchee@fws.gov**

### Refuge Facts

- Established: 1951.
- Acres: 143,874.
- Located in Palm Beach County, FL.
- Location: the refuge is located on US 441/SR7 between Boynton Beach Boulevard and Atlantic Avenue, approximately 6 miles west of Boynton Beach, FL.
- Administers Hobe Sound NWR.

### Natural History

- Refuge occupies the last of the northern Everglades.
- Nearly 100,000 acres infested with invasive exotic plants such as melaleuca, Old World climbing fern, and Brazilian pepper.
- Other management concerns include water quality, quantity, timing, and distribution.
- Concentrations of migratory waterfowl, migratory passerines, wood storks, wading birds.
- Rookeries present include great blue heron, anhinga, white ibis, little blue heron, tricolored heron, black-crowned night-heron, great egrets, cattle egret, snowy egrets.
- Composed of typical Everglades habitat including wet prairies, sloughs, sawgrass, tree islands.
- Impoundments ..... 2,150 acres  
Wet prairies ..... 53,453 acres  
Sloughs ..... 1,448 acres  
Sawgrass ..... 40,074 acres  
Tree island ..... 36,210 acres  
Cattail ..... 10,139 acres  
Cypress swamp ..... 400 acres

### Financial Impact on Refuge

- 25 person staff.
- 298,000 visitors annually.
- Current budget (FY 05) \$2,652,000 shared with Hobe Sound NWR.

### Refuge Objectives

- Restore and conserve the natural diversity, abundance and ecological function of the refuge.
- Conserve natural and cultural resources through partnerships and protection.
- Develop appropriate and compatible wildlife-dependent recreation and environmental education programs.
- Continue a partnership with the South Florida Water Management District.

### Management Tools

- Water management for snail kite and wading bird rookeries.
- Prescribed fire.
- Mechanical/chemical/biological control of exotic pest plants.
- Education/interpretation.
- Law enforcement.

### Public Use Opportunities

- Trails.
- Visitor center.
- Observation tower.
- Observation platform.
- Wildlife observation.
- Photography.
- Everglades canoe trail.
- Fishing.
- Waterfowl hunting, including youth hunt.
- Bicycling.

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## Calendar of Events

**February:** Everglades Day.

**May:** International Migratory Bird Day.

**June:** National Fishing Week.

**October:** National Wildlife Refuge Week.

**November-April:** Calendar of events activities.

**November-January:** Waterfowl hunting.

## Questions and Answers

*Where are the airboat rides?*

We have no airboat rides on the refuge. Airboats have been determined to be an incompatible use of the refuge. Airboat rides are by private enterprise and are available in adjacent Water Conservation Area #2.

*Who was Arthur R. Marshall?*

Art Marshal, a former Fish and Wildlife Service employee, was a biologist and conservationist who worked tirelessly for Everglades restoration. His work led to the formation of the Save the Everglades program, and in 1985, the Florida Wildlife Federation named him Conservationist of the Decade. The refuge was renamed in his honor, from Loxahatchee NWR to A.R.M. Loxahatchee NWR, in 1986.

*What is the fruit on the tree near the back door of the visitor center that looks like an apple? Is it edible?*

The tree is called the Pond Apple Tree. The fruit is called the Pond Apple, or the old timers used to call it alligator pear. It is edible, but quite cottony and not very tasty. It's very attractive to wildlife.

*Where are the alligators?*

Alligators are most likely found along the Marsh Trail in open waters. There is usually a large gator and many small ones around the ponds in front of the Visitor Center or at the boat ramps parking area. The refuge has the greatest density of alligators south of Lake Okeechobee.

*What is the "red stuff" on the trees?*

The "red stuff" on the bark of the trees is called lichen. This is a primitive plant that has a symbiotic relationship between an alga and a fungus. This particular lichen is called Baton Rouge, or Red Stick.

*What are the nobby protrusions sticking up out of the water? Are they young or small cypress trees?*

Those knobs are called cypress knees. They are an extension of the root system and their function is still being debated. Some say it helps support the tree as it has a shallow root system. These protrusions tend to stabilize the tree during storms. The second theory is that they provide a gaseous exchange for the roots which are covered with water. The third theory, and most recent, is that the tree stores starch in the knees.